

**What is claimed is:**

1. A backlight unit in a liquid crystal display including a light-guiding plate, a reflection plate, and a diffusion plate, the backlight unit using LED as a backlight lamp, the liquid crystal display following a field sequence,

wherein a plurality of lamps are arranged such that LED chips realizing R, G, and B colors are built in the respective lamps.

2. The backlight unit in a liquid crystal display of claim 1, wherein each of the lamps has a luminescent area over 100°.

3. The backlight unit in a liquid crystal display of claim 1, wherein each interval of the lamps lies within 10 mm.

4. The backlight unit in a liquid crystal display of claim 1, wherein a distance between the lamp and diffusion plate lies within 5 mm.

5. A backlight unit in a liquid crystal display including a light-guiding plate, a reflection plate, and a diffusion plate, the backlight unit using LED as a backlight lamp, the liquid crystal display following a field sequence,

wherein a plurality of chips are arranged such that LED chips realizing R, G, and B colors are built in the respective chips.

6. The backlight unit in a liquid crystal display of claim 5, wherein each of the chips has a luminescent area over  $100^\circ$ .

7. The backlight unit in a liquid crystal display of claim 5, wherein each interval of the chips lies within 10 mm.

8. The backlight unit in a liquid crystal display of claim 5, wherein a distance between the chip and diffusion plate lies within 5 mm.

9. A backlight unit in a liquid crystal display including a light-guiding plate, a reflection plate, and a diffusion plate, the backlight unit using LED as a backlight lamp, the liquid crystal display following a field sequence, the backlight unit further comprising:

a plurality of lamps arranged alternatively in a plurality of rows; and

three LED chips built in each of the lamps, the three LED chips realizing R, G, and B colors respectively,

wherein the lamps are turned on/off according to a sequence of a R chip, a G chip, and a B chip in each of the rows.

10. A backlight unit in a liquid crystal display including a light-guiding plate, a reflection plate, and a diffusion plate, the backlight unit using LED as a backlight lamp, the liquid crystal display following a field sequence, the backlight unit further comprising:

a plurality of chips arranged alternatively in a plurality of rows; and

three LED chips built in each of unit chips, the three LED chips realizing R, G, and B colors respectively,

wherein the unit chips are turned on/off according to a sequence of a R chip, a G chip, and a B chip in each of the rows.

[illegible]